

CLAIMS

What is claimed is:

1. A lamp for a motor vehicle comprising a housing in which at least one light source is arranged, said light source being located behind a light disk and associated with at least one reflection part, wherein the light source provided is an LED emitting its light laterally and the light source is surrounded by the reflection part .
2. The lamp according to claim 1, wherein the height of the reflection part corresponds essentially to the height of the LED.
3. The lamp according to claim 1, wherein the reflection part further comprises a reflector.
4. The lamp according to claim 3, wherein the reflector comprises a parabolic configuration.
5. The lamp according to claim 3, wherein the LED is arranged at the focus of the reflector.
6. The lamp according to claim 3, wherein the reflector is provided with optics at its reflector surface.

7. The lamp according to claim 1, wherein the reflection part comprises a light-conducting element.

8. The lamp according to claim 7, wherein the light-conducting element has a circular outline, at least on a light exit side.

9. The lamp according to claim 7, wherein the light-conducting element comprises a central aperture in which the LED is located.

10. The lamp according to claim 7, wherein the light-conducting element comprises reflection surfaces reflecting the light emitted by the LED to a light exit surface.

11. The lamp according to claim 10, wherein the reflection surfaces are provided coaxial to the LED.

12. The lamp according to claim 10, wherein the reflection surfaces are provided on an underside of the light-conducting element, opposed to the light exit surface.

13. The lamp according to claim 7, wherein the outside of the light-conducting element is provided with at least one reflection layer, preferably applied by vapor deposition.

14. The lamp according to claim 1, wherein at least two reflection parts are arranged closely spaced one behind another in the beam direction of their LEDs.

15. The lamp according to claim 14, wherein one reflection part comprises a reflector and the other reflection part comprises a light-conducting element.

16. The lamp according to claim 15, wherein the reflector is located ahead of the light-conducting element in beam direction.

17. The lamp according to claim 16, wherein the reflector comprises a passage opening to admit the rays of the light-conducting element.

18. The lamp according to claim 15, wherein the reflector is located behind the light-conducting element in beam direction.

19. The lamp according to claim 18, wherein the rays reflected by the reflector enter the light-conducting element between the reflection surfaces.

20. The lamp according to claim 19, wherein the light rays of the reflector impinge perpendicularly on the underside of the light-conducting element.

21. The lamp according to claim 14, wherein two light-conducting elements are arranged one behind the other in beam direction.

22. The lamp according to claim 21, wherein the rays of light reflected from the rearward light-conducting element enter the anterior light-conducting element in the region between the reflection surfaces.

23. The lamp according to claim 22, wherein the light rays of the rearward light-conducting element impinge perpendicularly on the underside of the anterior light-conducting element.

24. The lamp according to claim 1, wherein at a rear portion of the reflection part, at least one cooling member is provided.

25. The lamp according to claim 24, wherein the cooling member at least partially covers the underside of the reflection part.

26. The lamp according to claim 14, wherein the LEDs of the reflection parts arranged one behind another emit the same chromatic hue.

27. The lamp according to claim 14, wherein the LEDs of the reflection parts arranged one behind another emit different chromatic hues.